

R E M A R K S

Careful review and examination of the subject application are noted and appreciated.

SUPPORT FOR CLAIM AMENDMENTS

Support for the amendments to the claims can be found in the drawings as originally filed, for example, on FIGS. 1-4 and in the specification as originally filed, for example, on page 2, lines 11-18, on page 6, line 17 through page 9, line 11, on page 10, lines 6-20 and on page 21, lines 15-19. As such, no new matter has been introduced.

OBJECTION TO THE TITLE

The objection to the Title has been obviated by appropriate amendment and should be withdrawn. Support for the amendment to the Title can be found on page 3, lines 6-13 of the specification as originally filed.

IN THE SPECIFICATION

The objection to the disclosure has been obviated by appropriate amendment and should be withdrawn. The specification has been amended for consistency. No new matter has been introduced.

CLAIM REJECTIONS UNDER 35 U.S.C. §112

The rejection of claim 4 under 35 U.S.C. §112, second paragraph, has been obviated by appropriate amendment and should be withdrawn.

CLAIM REJECTIONS UNDER 35 U.S.C. §102

The rejection of claims 1-20 under 35 U.S.C. §102(e) as being anticipated by Williams et al. (U.S. Patent No. 6,407,641, hereinafter Williams) has been obviated by appropriate amendment and should be withdrawn.

Williams provides an auto-locking oscillator for data communications (Title).

In contrast, the presently claimed invention (claim 1) provides a circuit configured to (i) generate an output having a frequency and (ii) adjust the frequency in response to a measured duration of a known time interval associated with a predefined bit pattern occurring in an input data stream. Williams does not appear to disclose or suggest adjusting the frequency of an output in response to a measured duration of a known time interval associated with a predefined bit pattern occurring in an input data stream, as presently claimed. As such, the presently claimed invention is fully patentable over the cited reference and the rejection should be withdrawn.

Claims 2-14 and 17-20 depend, directly or indirectly,

from either claim 1 or claim 16 which are believed to be allowable. As such, the presently claimed invention is fully patentable over the cited reference and the rejection should be withdrawn.

New claims 21-25 depend, directly or indirectly, from either claim 1 or claim 16 which are believed to be allowable. As such, the presently claimed invention is fully patentable over the cited reference.

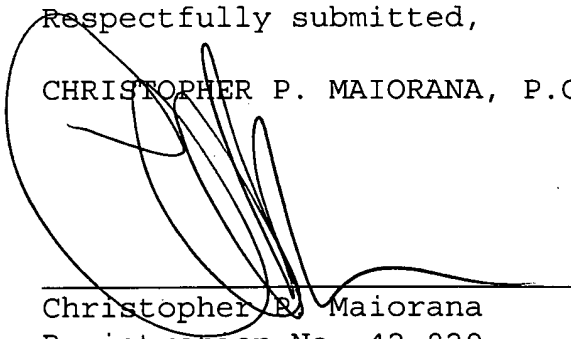
Accordingly, the present application is in condition for allowance. Early and favorable action by the Examiner is respectfully solicited.

The Examiner is respectfully invited to call the Applicants' representative should it be deemed beneficial to further advance prosecution of the application.

If any additional fees are due, please charge our office Account No. 50-0541.

Respectfully submitted,

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